



TEMPCAL^{®1} Heater Probes

Test Thermocouples, Thermal Switches and Continuous-Wire Fire Detection Systems

Howell's TEMPCAL[®] Heater Probes dynamically test thermal switches, continuous-wire heat detection systems, and thermocouples.

Connected to the JETCAL^{®1} Analyzer/Trimmer or TEMPCAL[®] Tester, TEMPCAL[®] Heater Probes can test heat-sensitive detectors either in their normal operating location or on the bench. Both testers monitor the probe temperature and supply the precise voltage necessary to accurately control the probe heaters.

Probes permit rapid heat rise and stabilization. Typically, in 10 minutes, an 800 °F thermal switch can be heated to test temperatures of the switch. The 10-minute period includes the time required to heat the probes and open and close the switch. Once the probe is heated, additional switches can be checked rapidly.

Contact Howell to receive a list of TEMPCAL[®] Probe Applications.



Heater Probes



¹ TEMPCAL[®] and JETCAL[®] are registered trademarks of Howell Instruments, Inc.

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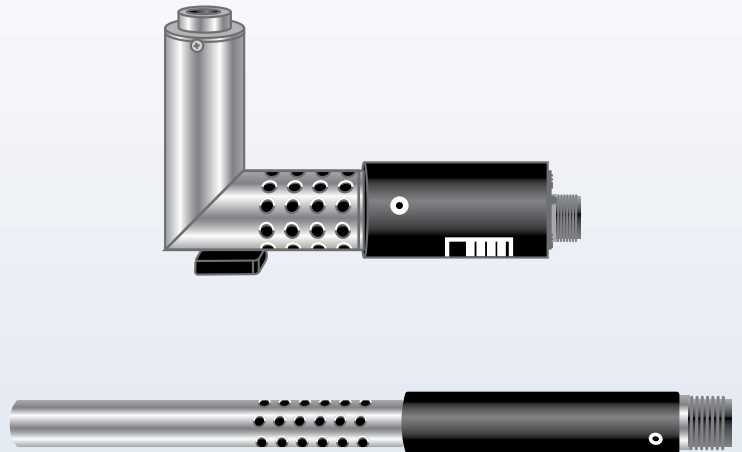
PORTABLE ENGINE TEST SETS & TRIMMERS

Engine	Part Number
ALLISON 501D22A, -22C	BH16447-40
CF34-8	BH19817A-40
CFM56	BH22207-40, BA
CFM56-5	BH24994-40
CT7 / T700	BH16463-40
GTC85-98D	BH19808-40
GTE-431	BH14122-40
JT15D	BH14114-40
JT9D	BH30758-40
	BH30759-40
JT8D-1, THRU -17	BH3378-40
J85-21	BH14113-120
J85-5	BH3806A-70
PT6	BH22206-40
	BH7437-40
	BH16454-40
TF33	BH3879-40
TF39, CF6	BH7436-40
TPE331	BH3887-40
T53-L-13, -15	BH7434L-40
	BH7434R-40
T53-L-703	BH19811BA
T56A-14 (LSE), -15 (LSE)	BH16447-40
T58-GE-10	BH3808-40
T63/ALLISON 250	BH7413-40
T64	BH7435-40

For a complete engine application list, visit our website at www.howellinst.com

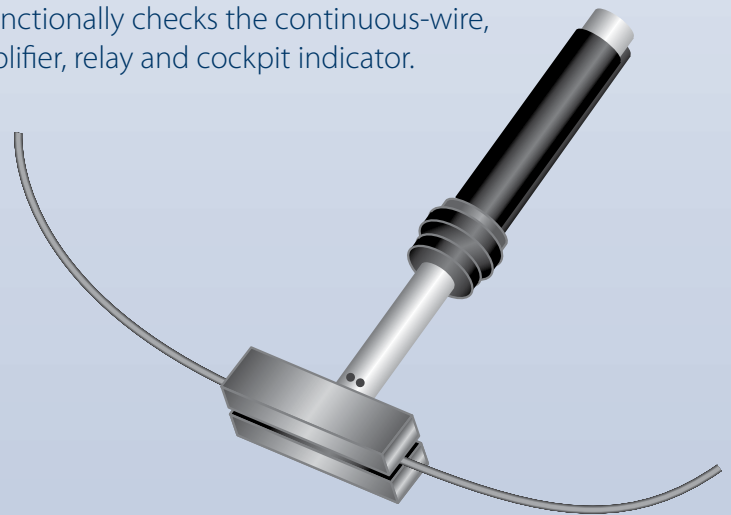
Thermocouple and Thermal Switch Probes

Thermocouple and Thermal Switch Probes are manufactured in either straight or right-angle configurations. The diameter and depth of the opening into which the switch is inserted is critical and must be designed precisely for the switch being tested.



TEMPCAL® Clamp-Type Probe

The clamp-type TEMPAL® probe is used to test continuous-wire fire detection systems. This probe heats 3-1/2 inches of the wire and can accept continuous-wires up to 1/8 inch in diameter. It functionally checks the continuous-wire, amplifier, relay and cockpit indicator.



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